MONTHLY WEATHER MAP

METEOROLOGICAL SERVICE, DOMINION OF CANADA

JUNE 1934

TEMPERATURE

Mean temperatures were above normal in southern British Columbia by one to three degrees, in southern Manitoba, along the border, by one to four, north of the grain belt in Saskatchewan by two to four degrees, in southwestern Ontario, and extreme southwestern Quebec by two to five degrees. They were below normal by two to six degrees or more in the eastern Yukon, the lower Mackenzie valley and the western Arctic coastal region.

From Lake Superior, north and east, to Hudson and James Bays, the Labrador coast and Hudson strait, and in Newfoundland, it was also cooler than in a normal June, by two to six degrees. In the Atlantic provinces the deficiency was only one degree or less, except along Northumberland Sound and in central Nova Scotia where it was two degrees or more.

In the southern interior valleys of British Columbia maxima of ninety to ninety-seven degrees were reported while frost occurred in the East Kootenay and in the upper Fraser valley. In Alberta and Saskatchewan over the grain belt very few points reported temperatures as high as ninety, while along the northern margin of the wheat region eighty was not reached for the most part. Light local frosts were reported from some northern points and sharp frosts from some stations in the foothills and mountain valleys of Alberta.

From extreme southeastern Saskatchewan through southern Manitoba maxima reached eighty-five to ninety-two degrees and no frosts were reported.

In northwestern Ontario from the Lake of the Woods along the north shore of Lake Superior maxima were at some points less than eighty and generally less than eighty-five degrees but in southern Ontario maximal temperatures exceeded ninety quite generally and in the extreme south several points recorded one hundred to one hundred and five degrees.

Light frosts occurred locally between the Ottawa and upper St. Lawrence rivers, and sharp frosts occurred on the northern highlands.

Maximal temperatures of eighty-five to ninety degrees were recorded quite generally in Quebec with ninety to ninety-five in the extreme southwest, but in the Gaspé and North Shore regions most stations did not reach eighty. Light to sharp frosts occurred in the highlands.

In the region of the Bay of Fundy in New Brunswick and in parts of Nova Scotia and Prince Edward Island the maximum temperature did not reach eighty degrees but exceeded eighty-five and reached ninety in many parts of interior New Brunswick. Light to sharp frosts were reported from about one-third of the total number of stations.

PRECIPITATION

The notable feature of the month was the change from drought of April and May to heavy rainfall over a great part of the agricultural regions.

In British Columbia dry conditions continued in the southern interior valleys, on the lower mainland and on Vancouver Island where there were deficiencies of fifty to seventy-five per cent. of the normal amount. In the upper Fraser valley and on the north coast there were moderate excesses.

In the Peace river country there was an excess of about thirty per cent., in the Edmonton region ten to thirty per cent. In the upper Red Deer valleys and from Lacombe due east to the Saskatchewan boundary there was an area with deficiencies varying from five to fifty per cent. From Calgary south to Cardston and southeast to Medicine Hat there were excesses of thirty to one hundred per cent. while a few points had eight or nine inches or approaching three times the normal amount.

In Saskatchewan some points between Regina and the U.S. border had a deficiency of thirty per cent. and the same was true of points between Qu'Appelle and the Manitoba boundary. Elsewhere precipitation generally exceeded the normal amount by thirty to one hundred and fifty per cent. In the more northerly parts of the wheat belt some points had six to seven inches of rain.

In Manitoba rainfall was much lighter except in the region between Winnipeg and the Lake of the Woods where there was an excess of nearly one fifth. In the Red River valley some points had a small excess while others had a deficiency of fifteen per cent. In the Dauphin district rainfall was nearly normal. Locally in western Manitoba there were excesses of five to fifty per cent., but generally there was a deficiency ranging from five to eighty-five per cent. and averaging about forty per cent. deficiency.

Rainfall was heavy in the Lake of the Woods district and over part of Thunder Bay district, over part of the Abitibi highlands, locally in southeastern Ontario, in most of Quebec south of the 50th parallel except locally in the upper basin of the St. Maurice, and over the greater part of New Brunswick. In the districts named general excess of twenty to thirty per cent. occurred and locally rainfalls nearly twice the normal amount were reported.

In Algoma and parts of Timiskaming there were deficiencies of about one third to one half, and the same was true of the Lake Huron counties and a portion of Lake Erie counties. Around Lake St. Clair and at the extreme western end of Lake Erie only one third of the normal amount was reported. In the southwestern central region the amount was about normal with local excesses. In the lower Ottawa and upper St. Lawrence valleys there was generally a quite small deficiency.

In parts of the Annapolis valley and extreme southwestern Nova Scotia as well as in Cape Breton Island and adjacent districts, there were deficiencies of ten to fifty per cent. Locally in the Annapolis valley and on the coast from Halifax to Liverpool there were excesses of five to sixty per cent. During the early part of the month destructive forest fires in northern New Brunswick were prevalent until the rains of the seventh.

A. J. CONNOR

SPECIAL REPORTS

NOTE—Column H is Highest Temperature; Column L is Lowest Temperature; Column P is Precipitation in inches; Column I denotes total of bright sunshine in hours during the month; Column Tm is the mean temperature of the current month.

BRITISH COLUMBIA

STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Victoria	72°	47°	0.2	359	58°	Vancouver	80°	44°	0.7	301	62°	Trail	93°	45°	0.5		
Sooke	73°	38°	0.2			New Westminster.	84°	46°	0.8			Kamloops	89°	41°	0.8	300	66°
Goldstream Lake			0.5			White Rock	84°	39°	0.5			Salmon Arm	86°	40°	0.5	296	
Alberni	87°	38°	0.6			Penticton	95°	41°	0.3			Golden	84°	29°	1.6		
Shawnigan Lake	83°	39°	0.8			Oliver	97°	44°	0.2	285		Estevan Point			2.2		54°
Duncan	85°	37°	0.6			Kaslo	80°	35°	1.0			Prince Rupert	70°	44°	5.7	134	52°
Nanaimo	83°	46°	0.6	300		Cranbrook	86°	27°	1.4			Prince George	82°	32°	1.9	259	56°
Courtenay			0.5			Vernon	90°	40°	0.7	306		Atlin			0.1		50°

ALBERTA

STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Fairview	76°	31°	2.7	188	54°	Drumheller	82°	36°	2.0		58°
Beaverlodge	76°	36°	2.2	284	54°	Calgary	82°	29°	4.0		54°
Edmonton	77°	34°	4.2	184	56°	Raymond	87°	35°	4.3		57°
Calmar	78°	30°	3.3		54°	Cardston	84°	34°	5.9		56°
Wetaskiwin	79°	32°	2.1		55°	Macleod	88°	38°	5.0		58°
Coronation	82°	32°	2.5		54°	Pincher Creek	83°	32°	9.0		55°
Vermilion	75°	28°	5.3		54°	Medicine Hat	89°	37°	4.8		62°
Campsie	78°	32°	3.8		55°	Medicine Hat (Airport)	82°	40°	4.7	242	60°
Viking	78°	31°	2.8		55°	Strathmore	82°	33°	3.7		55°
Rocky Mountain House	73°	12°	1.8		49°	Lethbridge	86°	47°	4.0	264	57°
Calendula			3.2			Seven Persons			3.2		
Lougheed			2.0			Maycroft			3.4		
Telfordville			4.1			Winnifred			4.0		
Olds	76°	32°	1.4		53°	Waterton Park			7.8		
Springdale	74°	27°	3.4		52°	Cowley			3.6		
Red Deer	80°	24°	3.3		54°	Lake Louise	75°	23°	0.5		49°
Alix	88°	28°	1.7		56°	Exshaw	74°	33°	4.3		52°
Stettler	90°	33°	1.9		56°	Entrance	80°	28°	5.1		53°

SASKATCHEWAN

Battleford	81°	30°	5.2		56°	Tugaske	79°	35°	3.8		57°
Saskatoon	79°	37°	4.9		57°	Semans	90°	35°	4.1		62°
Scott	76°	30°	5.0	216	56°	Lumsden	84°	35°	2.9		60°
Kindersley	82°	36°	5.4		58°	Francis	83°	31°	3.4		58°
Harris	82°	36°	3.4		57°	Whitewood	81°	31°	2.3		57°
Nipawin	79°	35°	4.6		57°	Moose Jaw	82°	32°	3.6	241	59°
Waseca	75°	33°	2.9		56°	Midale	83°	35°	3.6		60°
Brooksby	82°	31°	4.7		57°	Caron	84°	34°	4.7		58°
Prince Albert	78°	37°	6.8		57°	Ceylon			2.0		
Prongua			6.2			Strongfield			3.9		
Lloydminster	76°	31°	3.8		55°	Climax			3.4		
Lintlaw	75°	35°	3.3		55°	Marquis			7.6		
Maskakee Springs	76°	35°	3.4		57°	Rockglen			2.9		
Meadow Lake	81°	42°	4.3		59°	Goodwater			2.2		
Humboldt	77°	36°	5.8		56°	Surprise			3.6		
Biggar	80°	33°	4.3		58°	Wapashoe			3.5		
Macklin	80°	28°	2.2		56°	Lidgett			2.1		
Qu'Appelle	80°	34°	4.0	241	57°	Swift Current	83°	39°	4.9	244	57°
Indian Head	82°	35°	2.9		59°	Rosetown	82°	32°	4.0		56°
Regina	79°	34°	3.3		58°	Beechy	81°	37°	3.6		57°
Hubbard	78°	34°	3.9		56°	Leader	82°	34°	5.5		58°
Davidson	76°	38°	3.9		57°	Nashlyn	82°	36°	3.0		58°
Elbow	86°	40°	3.6		60°	Outlook	81°	40°	2.3		59°
Yellow Grass	84°	35°	2.4		59°	Pennant	90°	35°	4.1		62°
Grenfell	84°	36°	2.4		60°	Gravelbourg	85°	35°	4.3		59°
Carlyle	90°	34°	2.7		59°	Maple Creek	84°	34°	3.5		58°
						Shaunavon	82°	35°	3.8		56°

MANITOBA

Minnedosa	84°	39°	3.4		59°	Morden (Experimental Farm)	91°	40°	3.7	245	63°
Russell	82°	34°	2.0		58°	Emerson	90°	42°	2.9		64°
Birtle	85°	36°	2.0			Graysville	88°	41°	2.4		
Virden	87°	34°	1.9		62°	Deloraine	87°	38°	2.5		
Hamiota	86°	38°	2.9		60°	Brunkild			2.8		
Rapid City	84°	38°	5.9		59°	Winnipeg	90°	38°	4.1	227	61°
Cypress River	88°	38°	2.2		61°	Sprague	84°	38°	4.0		60°
Brandon	87°	38°	1.8	217	61°	Dauphin	89°	39°	2.6		62°
Treherne	90°	39°	2.2			Le Pas	79°	44°	3.4		59°
St. Albans (Treesbank)	92°	37°	1.6								
Morris	91°	45°	2.6		66°						

ONTARIO

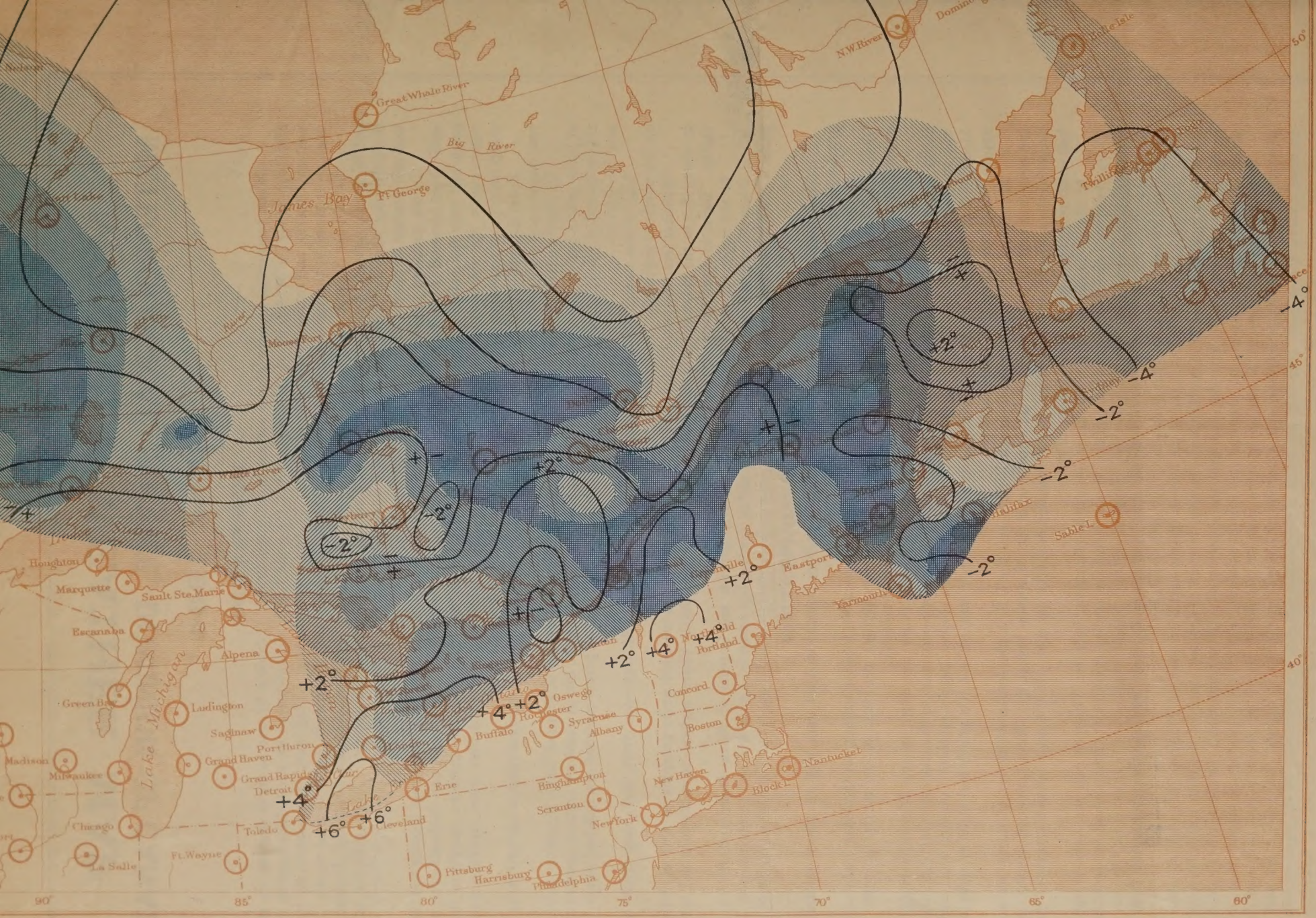
STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Atikokan	83°	32°	4.6		57°	Orillia	91°	42°	5.6		64°
Emo	83°	40°	4.3		61°	Owen Sound	93°	39°	2.0		63°
Sioux Lookout	79°	35°	6.6		58°	Tobermory	89°	37°	3.0		59°
Ignace	80°	34°	2.8		58°	Scotia Junction			2.6		
Kenora	82°	43°	4.0		61°	Walker's Point	92°	40°	3.2	271	63°
Cameron Falls	80°	29°	3.2		54°	Walkerton	98°	41°	2.0		66°
Longlac	80°	22°	2.8		56°	Parry Sound	89°	39°	2.3		63°
Port Arthur	85°	39°	3.2		57°	Brucefield	97°	44°	1.5		68°
Quorn	86°	32°	4.2		58°	Forest	100°	43°	1.0		68°
Schreiber	73°	33°	2.3		54°	Goderich	96°	45°	1.3		67°
Franz	84°	22°	1.3		58°	Lucknow	94°	38°	1.2		65°
Hornepayne	74°	22°	3.0		52°	Southampton	92°	40°	1.8		62°
White River	84°	32°	1.6		56°	Chatham	99°	46°	0.9	283	72°
Biscotasing	88°	31°	2.8		60°	Delhi	93°	44°	2.0		68°
Chapleau	90°	28°	1.5		60°	Grimsby	97°	45°	2.7		66°
Ruel	86°	26°	2.0		59°	Harrow	97°	49°	1.4	301	73°
Cochrane	84°	27°	4.6	196	58°	Leamington	94°	50°	2.0		72°
Haileybury	91°	28°	2.6	246	62°	Niagara Falls	93°	52°	1.7		70°
Heaslip	89°	21°	1.2		56°	Pelee Island	105°	56°	0.9		75°
Kapuskasing	83°	26°	2.6	138	57°	Port Dover	91°	47°	2.0		68°
Timmins	87°	28°	3.4		59°	St. Catharines	92°	48°	2.2	262	66°
Wawaitin Falls	88°	28°	4.9		58°	St. Thomas	92°	40°	1.4		68°
Algonquin Park	92°	36°	0.8		63°	Simcoe	96°	48°	1.4		70°
Bear Island	85°	30°			61°	Wallaceburg	101°	40°	1.1		70°
Madawaska	94°	22°	2.4		61°	Welland	94°	48°	2.0		69°
Montreal River	93°	26°	2.5		60°	Alton	93°	42°	3.0		65°
North Bay	90°	33°	3.5		63°	Brantford	96°	48°	2.9		69°
Smoky Falls (Crystal Falls)	87°	29°	3.9		60°	Grand Valley	91°	42°	2.3		66°
						London (Airport)	94°	35°	0.9		68°
Temagami	88°	30°	2.6		61°	Lucan	102°	45°	1.3		69°
Providence Bay	83°	34°	2.1		59°	Mount Forest	94°	37°	1.3		64°
Bloomfield	90°	45°	2.5			Paris	96°	48°	3.2		70°
Brockville	93°	40°	1.9		67°	Stratford	95°	45°	2.8		68°
Belleville	91°	43°	3.9	295	68°	Woodstock	91°	46°	2.3	312	67°
Campbellford	94°	40°	3.6		67°	Agincourt	96°	47°	3.3		67°
Clontarf	93°	29°	3.0			Georgetown	96°	41°	3.1		66°
Healy Falls	92°	40°	3.7		66°	Orono	91°	46°	4.3		66°
Kingston	86°	48°	3.2	262	64°	Toronto	94°	49°	2.8	293	68°
Morrisburg	90°	29°	3.1		64°	Apsley	96°	32°	4.4		63°
Ottawa	94°	41°	3.1		66°	Fenelon Falls			4.6		
Ottawa (Exp.Farm)	94°	36°	3.2	271	65°	Haliburton	93°	33°	4.2		63°
Pembroke	95°	33°	4.0		67°	Lakefield	91°	43°	4.9		67°
Renfrew	94°	34°	3.8		63°	Peterboro'	93°	44°	3.6		67°
Barrie	91°	43°	5.1	211	65°	Queensboro'	92°	38°	3.5		66°
Beatrice	98°	37°	4.3		63°	Sidney	92°	46°	4.6		
Magnatawan	92°	38°	2.9		62°						

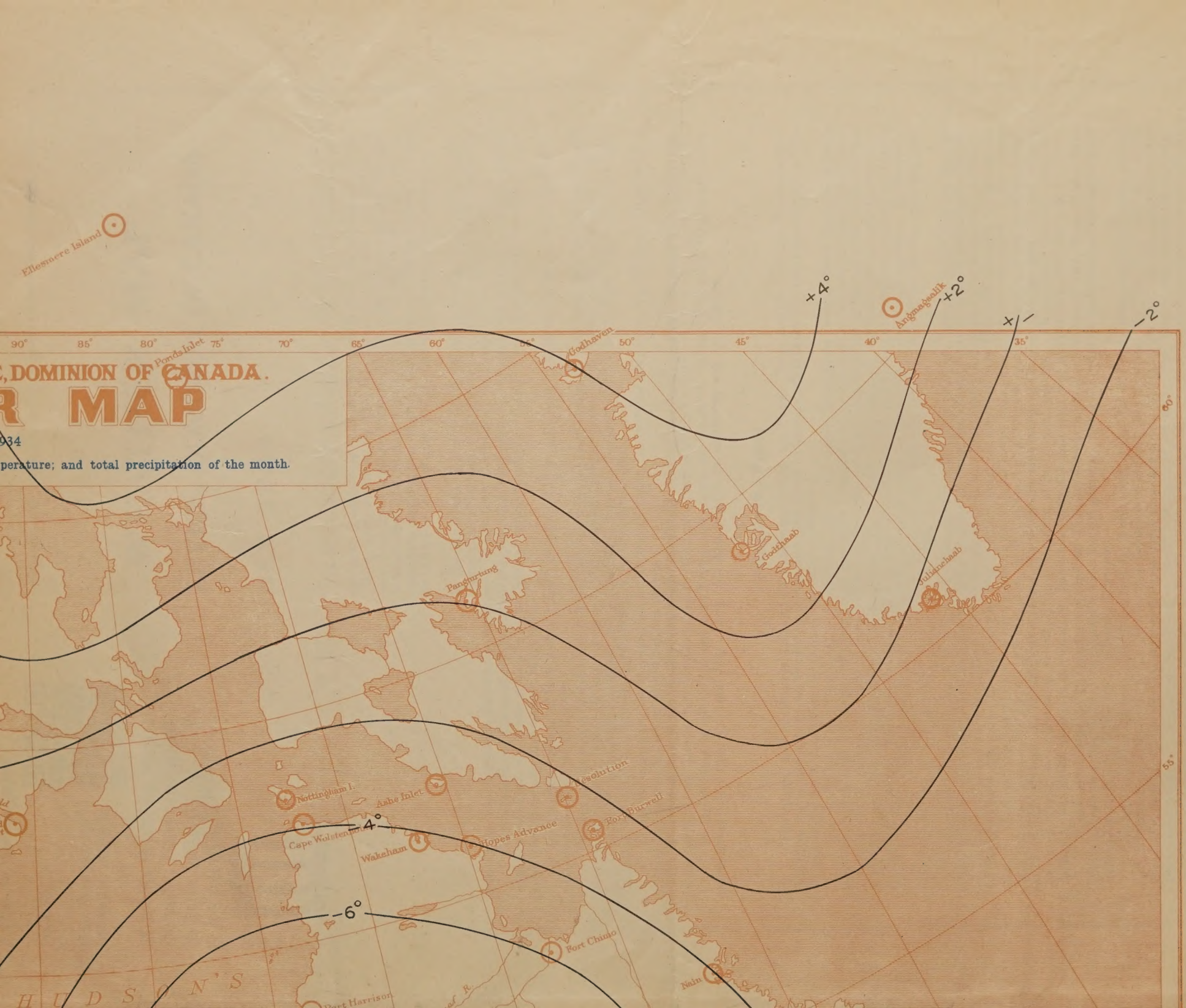
QUEBEC

Brome	90°	31°	6.9		63°	Bonaventure	72°	30°	4.2		
Cap Rouge	83°	35°	5.4	174	60°	Port Daniel	83°	29°	4.4		
Cedars	85°	46°	4.6		65°	Causapscal	79°	27°	3.6		57°
D'Israeli	90°	25°	4.6		58°	Fame Point	78°	36°	6.0		53°
Farnham	88°	31°	5.5	240	62°	Bicquette	76°	35°	5.5		53°
Joliette	94°	38°	5.1		65°	La Malbaie	86°	30°	3.0		58°
Huberdeau	91°	32°	4.9		63°	Gaspé	79°	27°	5.5		55°
Lennoxville	89°	25°	3.9	218	64°	Ste. Anne de la Pocatiére	85°	36°	4.9	217	59°
Macdonald College	91°	40°	6.1		65°	Anticosti S.W. Pt.			4.0		48°
Maniwaki	92°	32°	3.6		62°	Grindstone Island	71°	36°	2.3		50°
Lake Mégantic	87°	33°	5.0		61°	Albanel	87°	30°	4.4	187	58°
Montréal	91°	47°	6.2	210	66°	Roberval	82°	32°	1.6		56°
Nicolet	89°	38°	5.1		64°	Dolbeau	85°	30°	3.9		53°
Nominingue	90°	32°	4.0		62°	Sanmaur	90°	22°	3.8	158	57°
Québec	84°	42°	5.7	184	61°	La Loutre Rapids	89°	28°	3.6		57°
St. Gabriel de Brandon			5.1			Lake Kempt	80°	18°	2.2		54°
St. Joachim	82°	36°	3.9		62°	Oskelaneo	90°	24°	4.3		58°
Sherbrooke	91°	34°	3.5	243	64°	Manouan	87°	30°	3.1		59°
Sorel	93°	34°	7.4		65°	La Tuque	88°	31°	3.1		62°
Perkins			3.1			Rapide Blanc	89°	28°	4.7		58°
St. Jerome	91°	34°	5.8			Kipawa Dam			2.6		
St. Laurent	92°	38°	6.7		66°	Doucet	90°	29°	6.0	153	56°
Ste. Rose	84°	26°	3.4			Abitibi	84°	25°	2.4		
Chelsea Falls	94°	40°	3.0			Amos	85°	26°	4.1		57°
Donnacona	86°	42°	5.3		63°	Rouyn	84°	43°	4.4		
East Angus	90°	31°	4.8			La Ferme	82°	26°	4.9	182	57°
Mercier Dam	91°	30°	4.2			Temiskaming	91°	34°	3.0		61°
Cap Chatte	73°	35°	3.3		52°	Ville Marie	92°	30°	2.8		63°
Price	76°	34°	4.9		57°						

ATLANTIC PROVINCES

Saint John	78°	39°	4.6	196	56°	Sussex	82°	29°	2.0		59°
Aroostook	83°	30°	4.7		59°	Woodstock	87°	29°	2.8		59°
Bathurst	85°	28°	5.4		58°	Annapolis Royal	77°	32°	3.3	176	57°
Chatham	90°	34°	4.7		58°	Digby	76°	34°	4.3		57°
Chipman	84°	27°	4.7		57°	Halifax	80°	39°	4.0		56°
Edmundston	82°	31°	5.5		58°	Kentville	87°	34°	1.2	173	58°
Fredericton	88°	33°	6.8	213	59°	Liverpool	82°	29°	4.6		56°
(Univ. N.B.)						Nappan	76°	31°	2.5	198	56°
Fredericton	89°	35°	6.4	213	59°	Upper Stewiacke	81°	28°	1.7		55°
(Experimental Farm)						Wolfville	86°	36°	1.2	220	58°
Gagetown	82°	34°	4.0		59°	Yarmouth	72°	38°	2.6		54°
Grand Falls	82°	32°	5.6		58°	Sydney			1.5		54°
Harvey	87°	33°	5.5		59°	St. Paul Island			2.3		46°
Musquash	81°	27°	4.6		55°	Charlottetown	77°	40°	1.7		56°
McAdam Junction	88°	34°	3.2		58°	Charlottetown	80°	34°	2.4	235	57°
Rexton	89°	33°	3.8		57°	(Experimental Farm)					


Great Whale River
Big River
James Bay
Ft George
NW Rives
Dominion
Twillingate
Houghton
Marquette
Sault Ste Marie
Escanaba
Alpena
Green Bay
Ludington
Saginaw
Port Huron
Grand Haven
Grand Rapids
Detroit
Milwaukee
Madison
Chicago
Toledo
Cleveland
Erie
Ft Wayne
La Salle
Lake Michigan
Lake Erie
Buffalo
Rochester
Oswego
Syracuse
Albany
Binghampton
Scranton
Pittsburg
Harrisburg
Philadelphia
New York
New Haven
Block I
Nantucket
Boston
Concord
Portland
Eastport
Yarmouth
Halifax
Sable I
90°
85°
80°
75°
70°
65°
60°
50°
45°
40°
+
−
+2°
−2°
+4°
−4°
+6°



, DOMINION OF CANADA.

R MAP

034

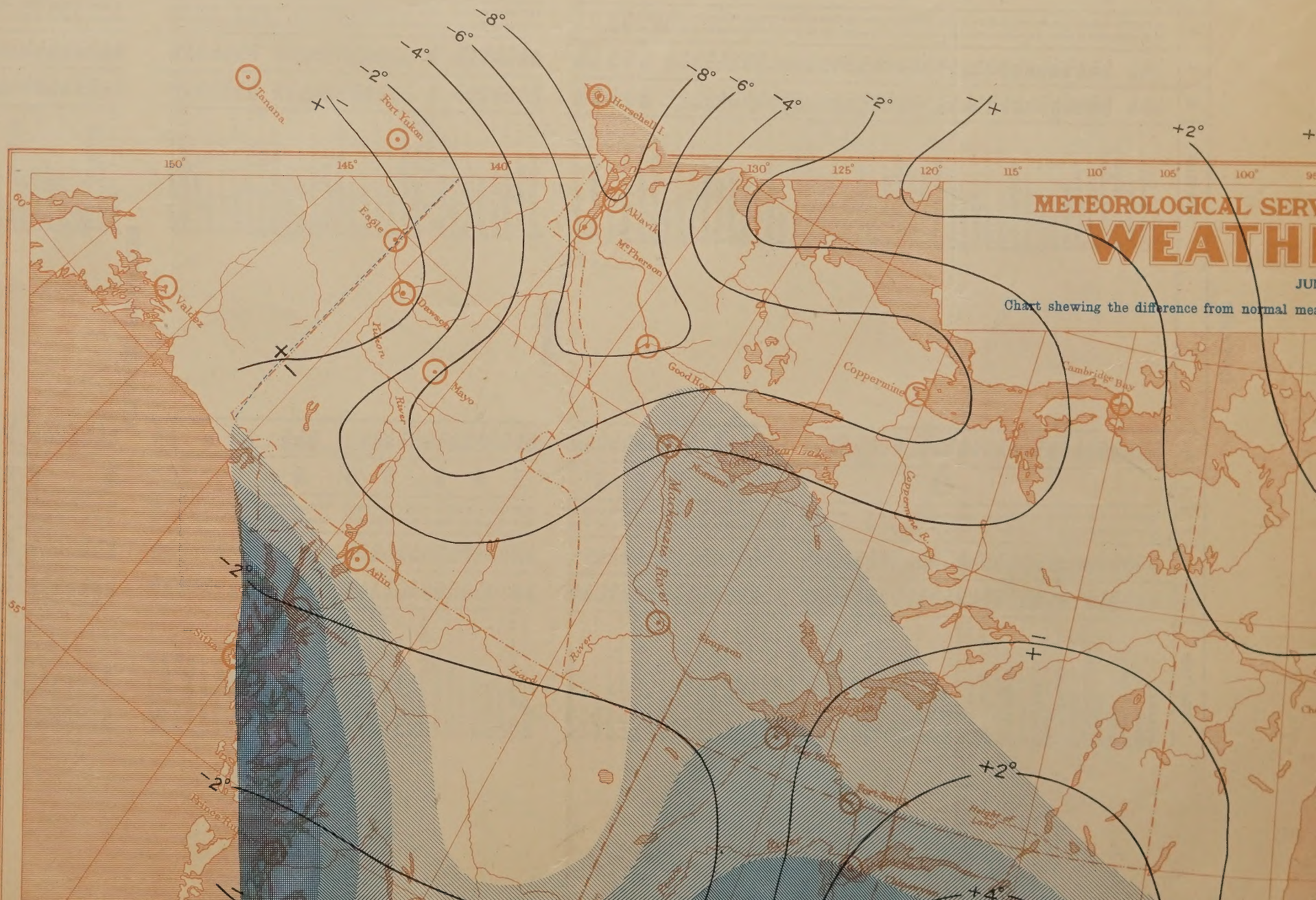
perature; and total precipitation of the month.

REFERENCES.

The Black lines shew the difference from the normal mean Temperature.

The shading shews approximately the precipitation of the month.

- Less than 1 inch
- Less than 2 inches
- Less than 3 inches
- Less than 4 inches
- More than 4 inches


METEOROLOGICAL SERV
WEATH
JU
Chart shewing the difference from normal mea
Fanana
Fort Yukon
Herschell I.
Aklavik
McPherson
Eagle
Dawson
Yukon
River
Mayo
Good Hope
Coppermine
Cambridge Bay
Valdez
Atlin
Sitka
Liard
River
Mackenzie River
Simpson
Coppermine R.
Great Slave Lake
Arctic
Ocean
150°
145°
140°
130°
125°
120°
115°
110°
105°
100°
60°
55°
−8°
−6°
−4°
−2°
+2°